VARYTEC

User’s manual

Hell Ball I

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1. Safety instructions

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperatureAvoid exposing it
to direct rays of the sun or near a heating appliance.
Not put it in a temperature bellow 41°F /5°C, or exceeding 95°F /35°C.

Keep away from humidity, water and dust
Do not place the set in a location with high humidity or lots of dust.
Containers with water should not be placed on the set.

Keep away from sources of hum and noise
Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location
Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning
Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately
Any troubles arose, remove the power plug soon, and contact with an engineer for repairing,
do not open the cabinet by yourself, it might result a
danger of electric shock.

Take care with the power cable
Never pull the power cable to remove the plug from the receptacle, be sure
to hold the plug. When not using the player for an extended period of time
be sure to disconnect the plug from the receptacle.

2. Brief Description

LED Light Source: 1PCS 10W RGB LED.
Auto Mode
Sound Mode
Master Slave Mode
Standard DMX512 control signal,6 DMX channels.
Voltage: AC220V 60Hz
Power Consumption 25W
Work Environment:Indoor 20^0C-40^0C
Net weight:3KG Gross weight:3.7KG
Dimension: 250L×250W×245H mm
Package : L 310×W 310×H295mm
Application:Main apply in entertainment places,such as dance hall,night club,stage,stadium,bar and KTV.
Character:This product use super brightness LED as light source,colourful,shakeproof,long working life.(100,000 hours),low heating,less power consumption,high security,can working 24 hours without stop.

3. Installation

1、 The light can be fixed in any place,but the light must keep a distance between person or objects at 1m minimum. And please make sure the light is fixed well, the light should be earthed.
2 Please make sure the rated voltage and frequency should suit to your local voltage.
3 You can turn on the light after connected.
4 Connection of the DMX512

The DMX512 signal of the controller is serial connected through the Input and Output 3pins XLR socket of the light.(1 Earth 2 Negative 3 Positive Note:Please exchange to solder the pin2 and pin3 if it's uncontrolled, it's unnecessary to change normally. The length of the signal cable should keep within 100 meters in order to avoid the interference.The light will work according to the IP Code which you selected when you are using the DMX512 controller control HellballRGB LED Light.Setting

of IP Code,first light show IP is A001,the second light is 1+6=7 IP Code is A007 the third light is 1+6+6=13,IP Code is A013,(analogy accordingly,the setting method should according to the controller

DMXChannels	DMX Value	Function
Motor control	0--7	Stop
	8--123	Rotate Slow---Fast
	124--131	Stop
	132--247	Antirotate Fast--Slow
	248--255	Stop
LED All function	0--35	Dimmer
	36--70	Glitter
	71--105	shadow
	106--140	Color-over
	141--175	Color-over + Glitter
	176--210	Glide
	211--255	Glide + Glitter
Timing	0--255	Slow-Fast(Glitter Color-over Glide)
Dimmer	0--255	R Dark---Light
Glitter	0--255	R Light---Dark
Dimmer	0--255	G Dark---Light
Glitter	0--255	G Light---Dark
Dimmer	0--255	B Dark---Light
Glitter	0--255	B Light---Dark

Manual Switcher Control List

Bit No		1	2	3	4	5	6	7	8	9	10
Controller Mode		○	○	○	○	○	○	○	○	○	×
Slave Mode		×	×	×	×	×	×	×	×	√	√
Mast Mode	Auto Mode	○	○	○	○	○	○	○	√	×	√
	Sound Mode	○	○	○	○	○	○	√	×	×	√
	Led Speed 1	○	○	√	√	○	○	○	○	×	√
	Led Speed 2	○	○	×	√	○	○	○	○	×	√
	Led Speed 3	○	○	√	×	○	○	○	○	×	√
	Led Speed 4	○	○	×	×	○	○	○	○	×	√
	Motor speed 1	√	√	○	○	○	○	○	○	×	√
	Motor speed 2	×	√	○	○	○	○	○	○	×	√
	Motor speed 3	√	×	○	○	○	○	○	○	×	√
	Motor speed 4	×	×	○	○	○	○	○	○	×	√

Remark: ①"√"means turn on,"×" means turn off, "○"means turn on or off.

②With DMX mode,the IP code be setted by manual switcher.IP code range is 1 to 511.

4. Maintenance

Please make sure it's power off before you open or maintain the light,it's very important to keep clear cleaning the light usually will not only keep it with maximum brightness output,but also prolong its work life. The professional glass detergent for cleaning is suggested,alcohol and any chemical detergent is not allowed. The internal of the light must be cleaned by the vacuum cleaner once each year.

4.1. Warning

Please don't dismantle or remodel the light.
Please keep the light away from water or any of the liquid and metals.
Please don't install the light in high temperature environment.
Please don't irradiate on the flammable objects, it must keep a distance at 5m minimum between light and flammable objects.the light must keep a distance with the near objects at 1m minimum.
Please don't look at the light directly, or it will hurt your eyes.
Please make sure it's power off before open or repair the light.

Note: To prevent or reduce the risk of electrical shock or fire,do not expose this unit to rain or moisture.This may hurt your eyes and avoid looking directly into the light source!

Please recycle the shipping carton when ever possible.

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